

CLAIMS

1. Sealing joint comprising an external metal casing (1) and a flexible internal structure, characterised in that the internal structure is made of flexible strips (8, 8a, 8b, 8c, 8d), overlaid and
5 separated by supports (9, 9a, 9b, 9c, 9d), the supports located on either side of the strips being staggered.

2. Sealing joint set forth in claim 1, characterised in that some of the supports, which touch
10 the casing, extend under the projections (6) positioned on an external surface of the casing.

3. Sealing joint set forth in claim 2, characterised in that the supports and the projections
15 are linear.

4. Sealing joint set forth in any one of claims 1 to 3, characterised in that the flexible strips are distinct, with a closed outline.
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5. Sealing joint set forth in any one of claims 1 to 4, characterised in that the flexible strips are homogeneous and separated by intermediary blocks which act as supports.
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6. Sealing joint set forth in claim 5, characterised in that it comprises rings each of which bears the blocks located between a respective pair of flexible strips.

7. Sealing joint set forth in any one of claims 5 or 6, characterised in that the flexible strips are made in metal, ceramic or alloy with oxide dispersion.

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8. Sealing joint set forth in any one of claims 1 to 4, characterised in that the flexible strips are corrugated, the contact between pairs of waves creating the supports.

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9. Sealing joint set forth in any one of claims 1 to 8, characterised in that the supports are laid out in successive rows crossing the joint through two support surfaces opposite the casing, the supports and the spaces separating the flexible strips alternating in each row and from one row to another.

10. Sealing joint set forth in any one of claims 1 to 9, characterised in that the flexible joints are concentric.

11. Sealing joint set forth in any one of claims 1 to 10, characterised in that the flexible strips are circular and flat.

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12. Sealing joint set forth in any one of claims 1 to 11, characterised in that the supports radiate.

13. Sealing joint set forth in any one of claims 1 to 11, characterised in that the supports are concentric rings with differing radii.

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